

**IMPROVED PROCESS FOR ELECTROSTIMULATION
TREATMENT OF MORBID OBESITY**

ABSTRACT

An improved process using electrostimulation for treating obesity,
5 especially morbid obesity, is provided. The improved method of this invention
provides electrostimulation on or along the small intestines, preferably on or
along the duodenum and/or jejunum, which provides improved control of
obesity. In one embodiment, the process employs stimulation of the lesser
curvature at a rate of about 2 to about 30 pulses/minute with each pulse
10 lasting about 0.1 to about 4 seconds such that there is a pause of about 3 to
about 30 seconds between the pulses. More preferably, the pulse rate is
about 12 to about 14 pulses/minute with each pulse lasting about 0.1 to about
0.5 seconds with a pause of about 4.5 to about 5 seconds between pulses.
Preferably, the pulse amplitude is about 0.5 to about 15 milliamps. More
15 preferable, each pulse consists of a train of micro-bursts with a frequency of
about 5 to about 100 Hz.